



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**MISSION
COVERAGE
STATISTICS**

MISSION 1112-1

18 - 27 NOVEMBER 1970

Declass Review by NIMA / DoD



DECEMBER 1970

COPY NO 200

13 PAGES

MCS-015/70

25X1

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INTRODUCTION

This publication provides preliminary coverage data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1112-1, dated 18-27 November 1970 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

TABLE OF CONTENTS

	Page
Preliminary Mission Data.	2
Greenwich Mean Time of Passes	3
Coverage of Eurasia and Adjacent Areas.	7 - 10
Coverage of Africa and Adjacent Areas	11

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25X1A

PRELIMINARY MISSION DATA

Mission Number: 1112-1

Launch Date/Time (GMT): 18 November 1970/2129Z

Photo Dates (GMT): 18-25 November 1970

Recovery Date/Time (GMT): 27 November 1970/1809Z

Operational Photo Passes: 35

Operational Altitude Limits: 98 - 118 nautical miles

Photo Scale Range: 1:296,176 - 1:357,386

Operational Ground Coverage (Fwd and Aft):

- a. Linear nautical miles 42,440
- b. Square nautical miles 5,941,600

Frames:

- a. Operational

Fwd-Looking 2,610
Aft-Looking 2,728

- b. Stellar 4,882

- c. Index 2,441

Operational Imagery Footage (Fwd and Aft): 13,222

Anomalies: A 0.05 inch wide longitudinal film base gouge is present 0.8 inch from the time track film edge on 2800 feet of the fwd record. This gouge starts on frame [REDACTED] and continues to frame [REDACTED]

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Vehicle Attitude: Normal

Image Quality:

- a. Main Cameras - The overall image quality of the fwd and aft cameras is good and comparable to the best of this system. Most imagery retains its edge sharpness at magnifications above 50 times. The aft camera image quality is slightly better than that of the fwd camera.
- b. Stellar and Index Cameras - The stellar and index cameras were operational throughout the mission. The imagery from both cameras is considered good.

Cloud Free Coverage: Approximately 85 percent of the entire mission is cloud free.

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GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute:

MISSION 1112-1

PASS	DATE (Z)	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
3D	19 November 1970	01	51	01	52
4D	19 November 1970	03	20	03	21
5D (1)	19 November 1970	04	48	04	50
5D (2)	19 November 1970	04	53	04	55
6D (1)	19 November 1970	06	19	06	20
6D (2)	19 November 1970	06	21	06	22
6D (3)	19 November 1970	06	22	06	25
7D (1)	19 November 1970	07	46	07	47
7D (2)	19 November 1970	07	47	07	50
7D (3)	19 November 1970	07	51	07	55
10D	19 November 1970	12	23	12	27
20D	20 November 1970	02	57	02	58
21D (1)	20 November 1970	04	28	04	30
21D (2)	20 November 1970	04	31	04	31
22D	20 November 1970	05	57	05	59
23D (1)	20 November 1970	07	23	07	27
23D (2)	20 November 1970	07	29	07	31
24D	20 November 1970	08	53	08	54
27D	20 November 1970	13	23	13	24
35D	21 November 1970	01	06	01	07
37D	21 November 1970	04	04	04	09
38D	21 November 1970	05	36	05	38
39D (1)	21 November 1970	07	03	07	04
39D (2)	21 November 1970	07	05	07	07
39D (3)	21 November 1970	07	07	07	10
40D	21 November 1970	08	31	08	36
52D	22 November 1970	02	13	02	14
54D	22 November 1970	05	14	05	17
55D (1)	22 November 1970	06	41	06	42
55D (2)	22 November 1970	06	45	06	46
56D	22 November 1970	08	13	08	14
57D (1)	22 November 1970	09	38	09	38
57D (2)	22 November 1970	09	41	09	42
58D	22 November 1970	11	13	11	13
70D (1)	23 November 1970	04	47	04	48
70D (2)	23 November 1970	04	49	04	54
71D (1)	23 November 1970	06	20	06	22
71D (2)	23 November 1970	06	24	06	26
72D (1)	23 November 1970	07	50	07	52
72D (2)	23 November 1970	07	54	07	55
74D	23 November 1970	10	50	10	53

MISSION 1112-1 (Continued)

PASS	DATE (Z)	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
85D	24 November 1970	02	58	02	59
86D (1)	24 November 1970	04	28	04	31
86D (2)	24 November 1970	04	32	04	33
87D (1)	24 November 1970	05	58	06	00
87D (2)	24 November 1970	06	02	06	04
88D (1)	24 November 1970	07	28	07	30
88D (2)	24 November 1970	07	32	07	33
90D (1)	24 November 1970	10	21	10	22
90D (2)	24 November 1970	10	30	10	31
90D (3)	24 November 1970	10	35	10	36
91D	24 November 1970	12	01	12	03
102D	25 November 1970	04	06	04	07
103D (1)	25 November 1970	05	32	05	33
103D (2)	25 November 1970	05	37	05	39

Next 1 Page(s) In Document Exempt

EURASIA

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AFRICA

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